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|-------------------------------|--|----|---|--------------------------|--------------------|
| Substitute for form 1449A/PTO |  |    |   | <b>Complete if Known</b> |                    |
|                               |  |    |   | Application Number       | 10/519,175         |
|                               |  |    |   | Filing Date              | December 20, 2004  |
|                               |  |    |   | First Named Inventor     | Kouta Nagano       |
|                               |  |    |   | Art Unit                 | 2813               |
|                               |  |    |   | Examiner Name            | Monica D. Harrison |
| Sheet 1                       |  | of | 2 | Attorney Docket Number   |                    |
|                               |  |    |   | 16869S-137100US          |                    |

| <b>U.S. PATENT DOCUMENTS</b> |                       |   |                                |  |   |
|------------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials*           | Cite No. <sup>1</sup> | Document Number<br>Number Kind Code <sup>2 (if known)</sup> | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                              |                       |   |                                |  |   |
|                              |                       |   |                                |  |   |
|                              |                       |   |                                |  |   |

| <b>FOREIGN PATENT DOCUMENTS</b> |                       |                           |                     |                                |  |  |
|---------------------------------|-----------------------|---------------------------|---------------------|--------------------------------|--|--|
| Examiner Initials*              | Cite No. <sup>1</sup> | Foreign Patent Document   |                     | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages<br>or Relevant<br>Figures |
|                                 |                       | Country Code <sup>3</sup> | Number <sup>4</sup> |                                |  |  |
| 1                               | JP                    | 2002-009111               | A                   | 01-11-2002                     | Mitsui High Tec Inc.                               | abstract<br>only   |
| 2                               | JP                    | 2000-150582               | A                   | 05-30-2000                     | Matsushita Electric Ind.                           | abstract<br>only   |

|                    |  |                 |  |
|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
|--------------------|--|-----------------|--|

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

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|-------------------------------|---|----|---|-------------------------------|--------------------|
| Substitute for form 1449B/PTO |   |    |   | <i>Complete if Known</i>      |                    |
|                               |   |    |   | <i>Application Number</i>     | 10/519,175         |
|                               |   |    |   | <i>Filing Date</i>            | December 20, 2004  |
|                               |   |    |   | <i>First Named Inventor</i>   | Kouta Nagano       |
|                               |   |    |   | <i>Art Unit</i>               | 2813               |
|                               |   |    |   | <i>Examiner Name</i>          | Monica D. Harrison |
| Sheet                         | 2 | of | 2 | <i>Attorney Docket Number</i> | 16869S-137100US    |

| NON PATENT LITERATURE DOCUMENTS |                       |   |                          |
|---------------------------------|-----------------------|---|--------------------------|
| Examiner Initials *             | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup>           |
|                                 | 3                     | Japan Patent Office (JPO) office action for patent application JP2004-539440 (May 20, 2008).  | <input type="checkbox"/> |
|                                 |                       |   |                          |
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